LD A,120
ADD 104
JP PG, Z80
JP PO, J8080

Code	Z80	8085
2 OH	JR NZ	RIM
3 AH	JR NC	SIM

SANYO

KCC AD047

SMALL BUSINESS COMPUTER
KEYBOARD
PARTS LIST

Bezeichnung/Description
ET-KATALOG,TASTATUR

Teile-Nr./Parts No. WM-11732

Menge/Quantity 1

Lagerort SM/155

LS-Nr. 208994/ 2

Sanyo Büro-Electronic Europa-Vertrieb GmbH

The following models are equipped with KCC AD047.

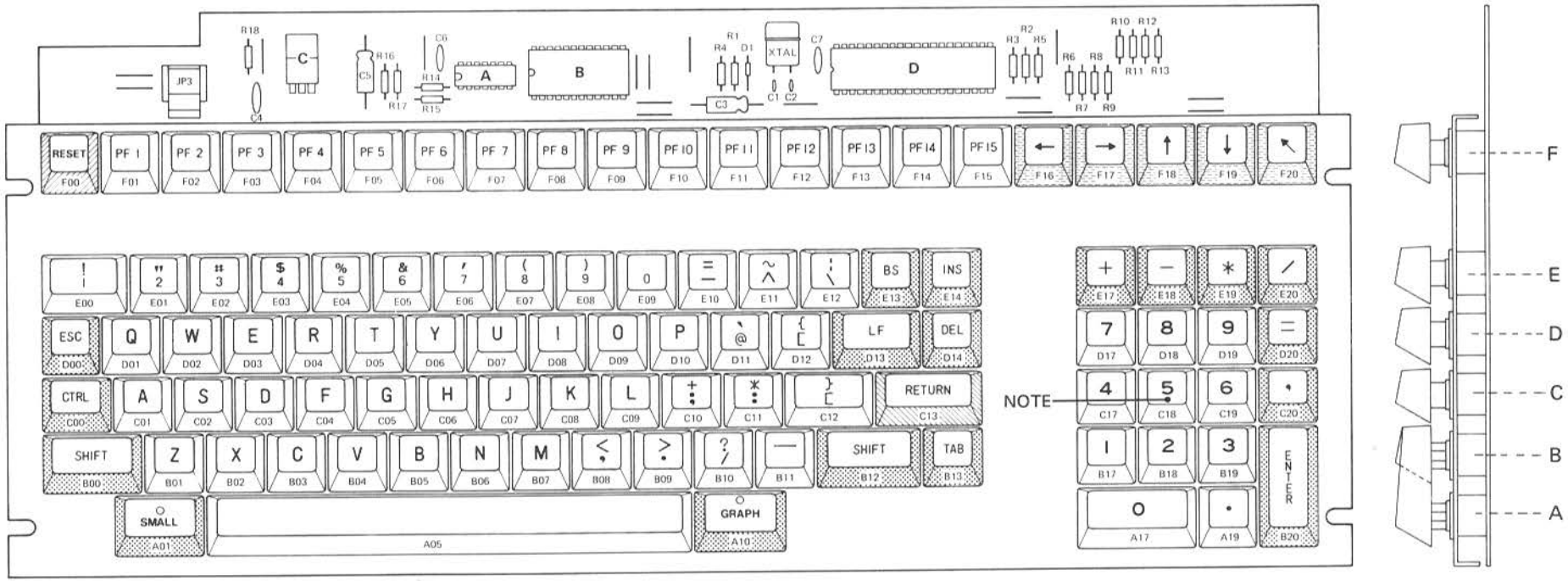
ABBREVIATIONS

CAN ..... CANADA
FRG ..... FEDERAL REPUBLIC OF GERMANY
GBR ..... GREAT BRITAIN
SAN ..... SANYO ELECTRIC CO., LTD.
THI ..... THAILAND
USA ..... U.S.A.

Code	Model	In Name	Brand	Country	Voltage
93740440	MBC-1110	PKZ	SAN	USA	120
93740441	MBC-1160	PKU	SAN	USA	120
93740470	MBC-1110	PKW	SAN	GBR	240
93740472	MBC-1160	PKR	SAN	GBR	240
93740474	MBC-1110	PKE	SAN	GBR	240
93740475	MBC-1160	PKD	SAN	GBR	240
93740530	MBC-1100	PLR	SAN	FRG	220
93740531	MBC-1150	PLQ	SAN	FRG	220
93740534	MBC-1100	PUT	SAN	FRG	220
93740535	MBC-1150	PUS	SAN	FRG	220
93740540	MBC-1100	PUR	SAN	USA	120
93740541	MBC-1150	PUM	SAN	USA	120
93740544	MBC-1100	PHZ	SAN	CAN	117
93740545	MBC-1150	PHY	SAN	CAN	117
93740556	MBC-1150	PLT	SAN	THI	220
93740569	MBC-1100	PLS	SAN	THI	220
93740570	MBC-1100	PUO	SAN	GBR	240
93740572	MBC-1150	PUJ	SAN	GBR	240
93740574	MBC-1100	PJX	SAN	GBR	240
93740575	MBC-1150	PJW	SAN	GBR	240
93740631	MBC-1250	PLH	SAN	FRG	220

Code	Model	In Name	Brand	Country	Voltage
93740640	MBC-1200	PQZ	SAN	USA	120
93740641	MBC-1250	PQU	SAN	USA	120
93740644	MBC-1200	PHX	SAN	CAN	117
93740645	MBC-1250	PHW	SAN	CAN	117
93740651	MBC-1200	PJB	SAN	FRG	220
93740652	MBC-1250	PJA	SAN	FRG	220
93740655	MBC-1200	PLG	SAN	FRG	220
93740670	MBC-1200	PQW	SAN	GBR	240
93740672	MBC-1250	PQR	SAN	GBR	240
93740674	MBC-1200	PJG	SAN	GBR	240
93740675	MBC-1250	PJH	SAN	GBR	240
93740740	MBC-4000	POZ	SAN	USA	120
93740741	MBC-4050	POU	SAN	USA	120
93740750	MBC-4000	POE	SAN	FRG	220
93740751	MBC-4050	POF	SAN	FRG	220
93740758	MBC-4050	POJ	SAN	FRG	220
93740759	MBC-4000	POK	SAN	FRG	220
93740770	MBC-4000	POW	SAN	GBR	240
93740772	MBC-4050	POR	SAN	GBR	240
93740774	MBC-4000	PJQ	SAN	GBR	240
93740775	MBC-4050	PJR	SAN	GBR	240

KEY-TOP LAYOUT

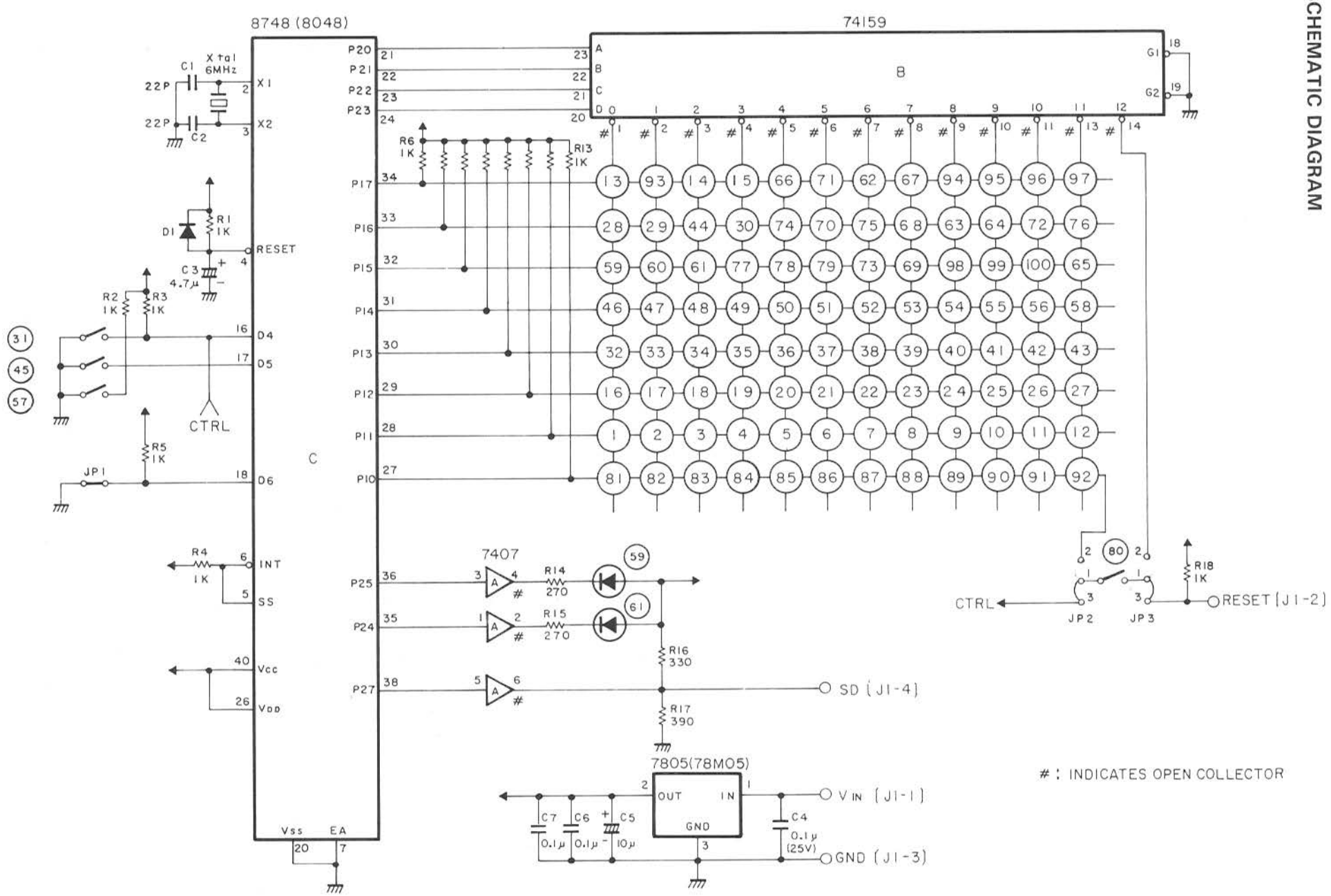


NOTE: KEY5 (C-18) has a protrusion.

BLANK KEY-TOP PARTS LIST			
PARTS CODE	KEY-TOP COLOR	KEY-TOP POSITION	Q'TY
861300090451T	BROWN (BR63)	A05	1
8613000904900	BROWN (BR63)	A19, B01~B11, B17~B19 C01~C11, C17, C19, D01~D12 D17~D19, E01~E12, F01~F15	70
8613000904901	BROWN (BR33)	F16~F20	5
8613000904902	BROWN (BR64)	C00	1
8613000904903	RED	F00	1
8613000904904	BROWN (BR63)	A17	1
8613000904905	BROWN (BR64)	B13, C20, D00, D14, D20, E13, E14, E17~E20	11
8613000904906	BROWN (BR63)	C18 (With protrusion)	1
8613000904907	BROWN (BR63)	C12, E00	2
8613000904908	BROWN (BR64)	B20	1
8613000904909	BROWN (BR64)	B00,B12	2
8613000904910	BROWN (BR64)	D13	1
8613000904911	BLUE	C13	1
8613000904912	BROWN (BR64)	A01,A10	2

NOTICE:
1. Ordering quantity of Blank Key-Top must be multiple of 10 pcs.
2. Ordering quantity of Character Key-Top must be multiple of 100 pcs.

SCHEMATIC DIAGRAM



PARTS LIST

NOTICE: 1. Parts order must contain Model Number, Parts Number and Description.
2. Ordering quantity of Key-Tops must be multiple of 100 pcs.
3. Ordering quantity of resistors and capacitors must be multiple of 100 pcs.
4. Ordering quantity of screws, nuts and washers must be multiple of 1000 pcs.

ABBREVIATIONS

KEY-TOP INDICATIONS

BS = BACK SPACE
CTRL = CONTROL
DEL = DELETE
ESC = ESCAPE
INS = INSERT
LF = LINE FEED
PF = FUNCTION
SMALL = SMALL LETTER

Tolerance of Capacitors and Resistors are noted as following symblos.

J ..... ±5%
K ..... ±10%
M ..... ±20%
Z ..... +80, −20%

Location	Parts Code	Description		Q'ty
KEY-TOP				
A01	8613000904596	KEY TOP SMALL	83G1L64 001 D583	1
A05	861300090451T	KEY TOP	80C4L63 000	1
A10	8613000904597	KEY TOP GRAPH	83G1L64 003 D667	1
A17	8613000904592	KEY TOP O	81G3L63 002 E010	1
A19	8613000904569	KEY TOP	85M3L63 050 F007	1
B00, B12	8613000904591	KEY TOP SHIFT	82A9L64 001 D004	2
B01	8613000904535	KEY TOP Z	85M3L63 112 D032	1
B02	8613000904536	KEY TOP X	85M3L63 113 D033	1
B03	8613000904537	KEY TOP C	85M3L63 114 D034	1
B04	8613000904538	KEY TOP V	85M3L63 115 D035	1
B05	8613000904539	KEY TOP B	85M3L63 116 D036	1
B06	8613000904540	KEY TOP N	85M3L63 117 D037	1
B07	8613000904541	KEY TOP M	85M3L63 118 D038	1
B08	8613000904542	KEY TOP	85M3L63 119 B016	1
B09	8613000904543	KEY TOP	85M3L63 120 B017	1
B10	8613000904544	KEY TOP	85M3L63 121 B018	1
B11	8613000904545	KEY TOP	85M3L63 122 B237	1
B13	8613000904577	KEY TOP TAB	85M3L64 003 D061	1
B17	8613000904546	KEY TOP 1	85M3L63 042 E001	1
B18	8613000904547	KEY TOP 2	85M3L63 043 E035	1
B19	8613000904548	KEY TOP 3	85M3L63 044 E003	1
B20	8613000904594	KEY TOP ENTER	81K5L64 001 D123	1
C00	8613000904593	KEY TOP CTRL	84B4L64 001 B020	1
C01	8613000904524	KEY TOP A	85M3L63 101 D021	1
C02	8613000904525	KEY TOP S	85M3L63 102 D022	1
C03	8613000904526	KEY TOP D	85M3L63 103 D023	1
C04	8613000904527	KEY TOP F	85M3L63 104 D024	1
C05	8613000904528	KEY TOP G	85M3L63 105 D025	1
C06	8613000904529	KEY TOP H	85M3L63 106 D026	1
C07	8613000904530	KEY TOP S	85M3L63 107 D027	1
C08	8613000904531	KEY TOP K	85M3L63 108 D028	1
C09	8613000904532	KEY TOP L	85M3L63 109 D029	1
C10	8613000904533	KEY TOP	85M3L63 110 B014	1

Location	Parts Code	Description		Q'ty
KEY-TOP				
C11	8613000904534	KEY TOP	85M3L63 111 B015	1
C12	8613000904587	KEY TOP	83D6L63 004 B011	1
C13	8613000904588	KEY TOP RETURN	82A9K5S 001 D030	1
C17	8613000904549	KEY TOP 4	85M3L63 045 E004	1
C18	8613000904590	KEY TOP 5	85M4L63 001 E005 (with protrusion)	1
C19	8613000904550	KEY TOP 6	85M3L63 046 E006	1
C20	8613000904584	KEY TOP	85M3L64 008 F022	1
D00	8613000904578	KEY TOP ESC	85M3L64 012 D006	1
D01	8613000904512	KEY TOP Q	85M3L63 089 D008	1
D02	8613000904513	KEY TOP W	85M3L63 090 D009	1
D03	8613000904514	KEY TOP E	85M3L63 091 D010	1
D04	8613000904515	KEY TOP R	85M3L63 092 D011	1
D05	8613000904516	KEY TOP T	85M3L63 093 D012	1
D06	8613000904517	KEY TOP Y	85M3L63 094 D013	1
D07	8613000904518	KEY TOP U	85M3L63 095 D014	1
D08	8613000904519	KEY TOP I	85M3L63 096 D015	1
D09	8613000904520	KEY TOP O	85M3L63 097 D016	1
D10	8613000904521	KEY TOP P	85M3L63 098 D017	1
D11	8613000904522	KEY TOP	85M3L63 099 B146	1
D12	8613000904523	KEY TOP	85M3L63 100 B013	1
D13	8613000904589	KEY TOP LF	85D6L64 001 D097	1
D14	8613000904576	KEY TOP DEL	85M3L64 002 D077	1
D17	8613000904551	KEY TOP 7	85M3L63 047 E077	1
D18	8613000904552	KEY TOP 8	85M3L63 048 E008	1
D19	8613000904553	KEY TOP 9	85M3L63 049 E009	1
D20	8613000904583	KEY TOP	85M3L64 010 F124	1
E00	8613000904586	KEY TOP 1	83D6L63 003 B001	1
E01	8613000904500	KEY TOP 2	85M3L63 078 B002	1
E02	8613000904501	KEY TOP 3	85M3L63 079 B003	1
E03	8613000904502	KEY TOP 4	85M3L63 080 B400	1
E04	8613000904503	KEY TOP 5	85M3L63 081 B437	1
E05	8613000904504	KEY TOP 6	85M3L63 082 B006	1
E06	8613000904505	KEY TOP 7	85M3L63 083 B007	1
E07	8613000904506	KEY TOP 8	85M3L63 084 B008	1
E08	8613000904507	KEY TOP 9	85M3L63 085 B009	1
E09	8613000904508	KEY TOP 0	85M3L63 125 B062	1
E10	8613000904509	KEY TOP	85M3L63 086 B010	1
E11	8613000904510	KEY TOP	85M3L63 087 B143	1
E12	8613000904511	KEY TOP	85M3L63 088 B038	1
E13	8613000904575	KEY TOP BS	85M3L64 001 D078	1
E14	8613000904585	KEY TOP INS	85M3L64 013 D103	1
E17	8613000904580	KEY TOP	85M3L64 005 F004	1
E18	8613000904579	KEY TOP	85M3L64 004 F003	1
E19	8613000904582	KEY TOP	85M3L64 007 F072	1
E20	8613000904581	KEY TOP	85M3L64 006 F002	1
F00	8613000904595	KEY TOP RESET	85M3H1S 002 D126	1
F01	8613000904554	KEY TOP PF1	85M3L63 052 D082	1
F02	8613000904555	KEY TOP PF2	85M3L63 053 D083	1
F03	8613000904556	KEY TOP PF3	85M3L63 054 D084	1
F04	8613000904557	KEY TOP PF4	85M3L63 055 D085	1
F05	8613000904558	KEY TOP PF5	85M3L63 056 D086	1
F06	8613000904559	KEY TOP PF6	85M3L63 057 D087	1
F07	8613000904560	KEY TOP PF7	85M3L63 058 D088	1
F08	8613000904561	KEY TOP PF8	85M3L63 059 D089	1
F09	8613000904562	KEY TOP PF9	85M3L63 067 D090	1
F10	8613000904563	KEY TOP PF10	85M3L63 068 D091	1

Location	Parts Code	Description	Q'ty
KEY-TOP			
F11	8613000904564	KEY TOP PF11 85M3L63 069 D092	1
F12	8613000904565	KEY TOP PF12 85M3L63 070 D093	1
F13	8613000904566	KEY TOP PF13 85M3L63 071 D094	1
F14	8613000904567	KEY TOP PF14 85M3L63 072 D095	1
F15	8613000904568	KEY TOP PF15 85M3L63 073 D096	1
F16	8613000904570	KEY TOP 85M3L33 001 F005	1
F17	8613000904571	KEY TOP 85M3L33 003 F006	1
F18	8613000904572	KEY TOP 85M3L33 003 F019	1
F19	8613000904573	KEY TOP 85M3L33 004 F020	1
F20	8613000904574	KEY TOP 85M3L33 005 F079	1
SMALL PARTS			
	0012KC156D	PRINTED CIRCUIT BOARD	1
CN1	4235903231	CONNECTOR BS4P-SHF-1AA	1
	9372723900100	SPACER 24KC003A	4
	9372955900100	SPRING BAR CM51905A	1
	9372841900100	LEVER CM50411A	2
	9372922900100	BUSHING CM50904A	2
	9372821900600	GUIDE PIN CH32801A	2
	9372392900200	CUSHION RUBBER CK42609A	2
SCREWS			
	101W230030601	SCREW (SPECIAL TYPE) 3×6 2A011060	4
	122W220401001	BUTTON HEAD TAPPING M4.0×10 Z1	3
	122W220401201	BUTTON HEAD TAPPING 4.0×12 Z1	1
ELECTRICAL PARTS			
	X-HC-18/U	CRYSTAL 6.0 MHz	1
	00KCC10901-Z	SW KCC10901-Z	98
	00KCC11901-Z	SW KCC11901-Z (LED)	2
FIXED CAPACITORS			
C1, C2	CK1HRLK220B	CERAMIC 50V 22PK	2
C6, C7	CB1LRLM104BC	CERAMIC 12V 0.1MM	2
C3	CE1VDCZ475AW	ELECT 35V 4.7MZ	1
C5	CE1CDCZ106AW	ELECT 16V 10MZ	1
C4	CB1ERLZ104	CERAMIC 25V 0.1MZ	1
FIXED RESISTERS			
R1~R13, R18	RCOECLJ102	SOLID 1/4 250V 1KJ	14
R14, R15	RCOECLJ271	SOLID 1/4 250V 270J	2
R16	RCOECLJ331	SOLID 1/4 250V 330J	1
R17	RCOECLJ391	SOLID 1/4 250V 390J	1
DIODE & IC'S			
A	POSN7407N	ICEM SN7407N	1
B	POSN74159N	ICEM SN74159N	1
C	JSMC7805CT	IC MC7805CT	1
D	MDD8048C-718	ICEM D8048C-718 LSI KB ENCODEREM 7445	1
D1	DN1S2075	DIODE 1S2075K	1
WIRES			
	003L0R0100	JUMPER	69

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Apr. 1984 CP2000 Printed in Japan CR